

Basic Q smoke alarm device

GIRA

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For your safety

Electrical devices may only be fitted and installed by a qualified electrician. Improper installation may result in serious injury, e.g. from electrical shock or fire, as well as equipment damage.

Configuration and installation may only be performed by an expert

As per EN 14676, configuration and installation of the smoke alarm device may only be performed by a qualified expert. For this purpose, Gira offers the "Certified expert for smoke alarm devices in accordance with DIN EN 14676" online course, complete with certificate. More information can be found under "akademie.gira.de".

Briefing and handover of the instructions

Explain all the functions of the product to the end user or their representative. These instructions are part of the product and must be transferred to the end user or their representative for safekeeping.

Unauthorised mounting locations

The Basic Q smoke alarm device is not suitable for installation in caravans, campers, boats etc.

Product features

The Basic Q smoke alarm device is a battery-operated smoke alarm device for private residential units or similarly inhabited areas as per DIN 14676.

The smoke alarm device detects the development of smoke in a timely manner and warns occupants before the smoke gas concentration becomes dangerous. The warning is given in the form of an acoustic alarm.

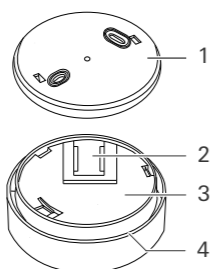
Product features

- Loud, pulsating alarm signal (at least 85 dB (A))
- Smoke detection by photoelectric scattered light principle
- Integrated function button for function test
- Error display
- Fixed, non-removable battery
- Q label

Scope of delivery

- 1x Basic Q smoke alarm device
- 1x set of mounting hardware
- 1x assembly and operating instructions

Device description



- 1 Mounting plate
- 2 Activation slider
- 3 Smoke alarm device
- 4 Smoke entry openings

Selecting mounting location

When selecting the mounting location for the smoke alarm device, the specifications of DIN EN 14676 apply, the most important specifications being:

- Attach as close as possible to the centre of the ceiling (min. distance of 50 cm from walls, lights and other obstructions)
- One smoke alarm device per room (max. 60 m² area)
- Do not mount it in the direct proximity of heat sources

System description for smoke alarm devices

More detailed assembly information in accordance with DIN EN 14676 can be found in the "System description for smoke alarm devices". This is available for download from the Gira download page (www.gira.de/service/download).

Minimum protection/optimum protection

The following applies to apartments and houses:

Minimum protection

- One smoke alarm device in every bedroom, in every child's room and in the hallway/staircase (escape route).
- In the case of open connections across two levels, a smoke alarm device must be mounted at the highest level.
- If a building spans several floors, a smoke alarm device must be mounted on each floor.

Optimum protection

- One smoke alarm device per room and floor
- Use networked smoke alarm devices in larger buildings
- Use specialised alarm devices (e.g. heat detectors) in sensitive areas

False alarm

Some sites are unsuitable for the installation of a smoke alarm device as false alarms are repeatedly triggered due to local conditions (e.g. welding/soldering work, very heavy steam/cooking vapours or similar vapours). More detailed information on unsuitable mounting locations can be found in the "System description for smoke alarm devices".

Mounting smoke alarm devices

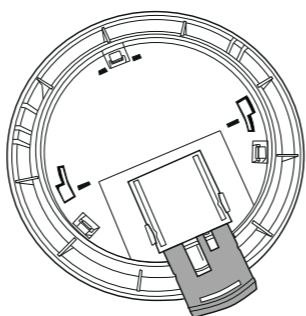
Mount the smoke alarm device as described below.

1. Install the mounting plate.
2. Activate the smoke alarm device.

Activation/deactivation

The activation slider is factory-set to protect against unintentional insertion. Remove the guard and fully push the activation slide (grey) into the guide slot. The smoke alarm device is then activated.

For deactivation, follow these steps in reverse.



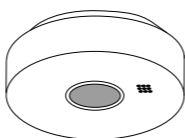
3. Place the activated smoke alarm device onto the mounting plate and turn it clockwise to lock it into place. For deactivation, follow these steps in reverse.
4. Perform the function test (see "Function test").

Mounting position

The smoke alarm device can only be mounted in one specific position. A locking pin is located on the mounting plate for this purpose. This ensures that the smoke alarm device is properly locked into place. The activation slider must be pushed into the smoke alarm device before locking. If this procedure is not followed, the smoke alarm device may become stuck on the mounting plate, requiring extreme force to remove it.

Function button

The Basic Q smoke alarm device features an easy-access function button (grey).



The following actions can be performed:

- Function test

Function test

The function test is to be carried out:

- after the initial installation
- after every alarm, all maintenance work and every fault message

Danger of permanent hearing damage due to loud signal tone

The loud signal tone (at least 85 dB (A)) can lead to permanent hearing damage (e.g. tinnitus) during the function test. Keep at least 50 cm away from the smoke alarm device during the function test.

Performing a function test

Perform the function test as follows:

1. Press and hold the function button for approximately three seconds. There is a short signal tone and the light ring lights up.
2. Release the function button again. The light ring goes out.

Function test failure

Replace the smoke alarm device immediately if it fails the function test twice in a row. Non-operational smoke alarm devices must not be installed.

Smoke alarm devices save lives

Note the following when using smoke alarm devices:

- Use only smoke alarm devices that are compliant with DIN EN 14604.
- Never permanently cover or paint over smoke alarm devices and never place objects in front of them.
- Never install smoke alarm devices if they are defective or not fully operational.

Operating and alarm signals

Signal tone	Light ring	Meaning
loud intermittent tone	flashes quickly	Nearby smoke alarm
brief signal tone (30-second cycle)	flashes out of phase with the signal tone	Fault
brief signal tone (30-second cycle)	flashes at the same time as the signal tone	Weak battery*
loud intermittent tone	briefly illuminates	Function test

* Replace alarm device within 30 days.

Acknowledge alarm/false alarm

If the smoke alarm device sounds and it is confirmed to be a false alarm, you can acknowledge the alarm message. To do so, you need to remove the smoke alarm device and pull out the activation slider. Then ensure that the cause of the false alarm has been eliminated.

Cleaning and maintenance

Regularly clean and maintain the smoke alarm device to ensure it is fully operational.

Cleaning

Regularly wipe the smoke alarm device with a damp cloth (not a wet cloth!). You can also carefully remove dust from the smoke alarm device using a suitable vacuum cleaner (on the lowest setting).

Maintenance

Maintenance and servicing obligation

In accordance with DIN 14676, you are required to have smoke alarm devices serviced annually by a qualified expert. Note the following: If this required maintenance is not carried out, insurance coverage may be void in the event of a fire.

Maintenance manual for smoke alarm devices

Gira provides the "Maintenance manual for smoke alarm devices" on the download page. Here you can record all important data relating to the initial installation and subsequent maintenance.

Renovation work

Renovation work

If possible, do not install the smoke alarm device until all renovation work has been completed. If this is not possible, as an alternative you can remove the smoke alarm device for the duration of the work. After all work is complete, carry out a function test.

Troubleshooting

Problem	Solution
No signal was audible during the function test	Check activation slide
Frequent false alarms	Check mounting location for source of interference
	Clean smoke alarm device

Disposal

Dispose of the smoke alarm device by the date indicated on the device sticker or when the battery is flat.

Warning
There is a risk of explosion if the battery is removed by force!

The battery of the smoke alarm device **cannot** be replaced. If the battery is forcibly removed from the device, it may explode if damaged. The smoke alarm device must always be disposed of completely



The Gira smoke alarm device is an electric/electronic device in the sense of EU Directive 2002/96/EC. The device was developed and manufactured using high-quality materials and components. These are recyclable and reusable. Please consult the regulations governing the separate collection of waste electrical/electronic equipment that are applicable in your country. These devices may not be disposed of in household waste. The correct disposal of waste equipment prevents possible negative effects for humans and the environment.

Technical data

Power supply:	via battery of the smoke alarm device
Battery life:	up to 10 years (after activation)
Acoustic alarm signal:	at least 85 dB (A)
Optical display:	light ring (red LED)
Operating temperature:	-5°C to +55°C
Storage temperature:	-20°C to +65°C
Installation height:	max. 6 m
Protection type:	IP 42
Housing dimensions (Ø x H):	125 x 38.5 mm
Weight:	approx. 250 g

Declaration of performance

The declaration of performance pursuant to Regulation (EC) No 765/2008, Regulation (EU) No 305/2011 (Construction Products Regulation - CPR) and the Construction Products Act (CPA [Bauproduktengesetz - BauPG]) can be found either on the download page (gira.de/Konformitaet) or directly via the online catalogue on the product page (katalog.gira.de).

Warranty

The warranty is provided by the retailer in accordance with the statutory requirements. Please hand over or send faulty devices postage paid and with a description of the problem to your sales representative (retailer/installation company/electronics retailer), who will forward the devices to the Gira Service Centre.

Q label and warranty

The Q label has no effect on the legal warranty.

Gira

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